

0590

10/2

#2

OIPE

## RAW SEQUENCE LISTING

DATE: 10/09/2001

PATENT APPLICATION: US/09/956,004

TIME: 09:55:52

Input Set : A:\PB324D1.ST25.txt

Output Set: N:\CRF3\10092001\I956004.raw

3 <110> APPLICANT: Patrick J. Dillon et al.

5 <120> TITLE OF INVENTION: Nucleotide Sequences of Escherichia coli Pathogenicity Islands

7 <130> FILE REFERENCE: PB324D1

C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/956,004

C--> 9 <141> CURRENT FILING DATE: 2001-09-20

9 <150> PRIOR APPLICATION NUMBER: 08/976,259

10 <151> PRIOR FILING DATE: 1997-11-21

12 <150> PRIOR APPLICATION NUMBER: 60/061,953

13 <151> PRIOR FILING DATE: 1997-10-14

15 <150> PRIOR APPLICATION NUMBER: 60/031,626

16 <151> PRIOR FILING DATE: 1996-11-22

18 <160> NUMBER OF SEQ ID NOS: 142

20 <170> SOFTWARE: PatentIn version 3.1

22 <210> SEQ ID NO: 1

23 <211> LENGTH: 1178

24 <212> TYPE: DNA

25 <213> ORGANISM: Escherichia coli

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30 <223> OTHER INFORMATION: n equals a, t, g, or c

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42 <223> OTHER INFORMATION: n equals a, t, g, or c

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54 aatcgatcga caaaatcgat catacatgat gaagatttct tatcgaatcc ataaaaatag 300

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62 agttaatgac acaactgtgc catgcacctt gtacaacagc ggtggaaagc tctcagaaca 540

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252 tactgcccct ggcgtttttc tgtattgtca gccgtcaact tatcattcca ctgggaataa 2940
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Input Set : A:\PB324D1.ST25.txt

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Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

## VERIFICATION SUMMARY

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DATE: 10/09/2001

TIME: 09:55:53

Input Set : A:\PB324D1.ST25.txt

Output Set: N:\CRF3\10092001\I956004.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No  
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:46 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:553 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:608 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:965 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:1055 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:1090 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:1119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10  
L:1159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10  
L:1290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:1327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:1337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:1359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:1411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:1432 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:1436 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:2159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:2173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:2280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:2397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16  
L:2399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16  
L:2465 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
L:2709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:2863 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:2948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:2950 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:2962 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:3081 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:3095 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:3097 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:3196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23  
L:3231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24  
L:3292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:3294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:3315 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:3381 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/956,004

DATE: 10/09/2001

TIME: 09:55:53

Input Set : A:\PB324D1.ST25.txt

Output Set: N:\CRF3\10092001\I956004.raw

L:3428 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27  
L:3430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27  
L:3432 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27  
L:3446 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27